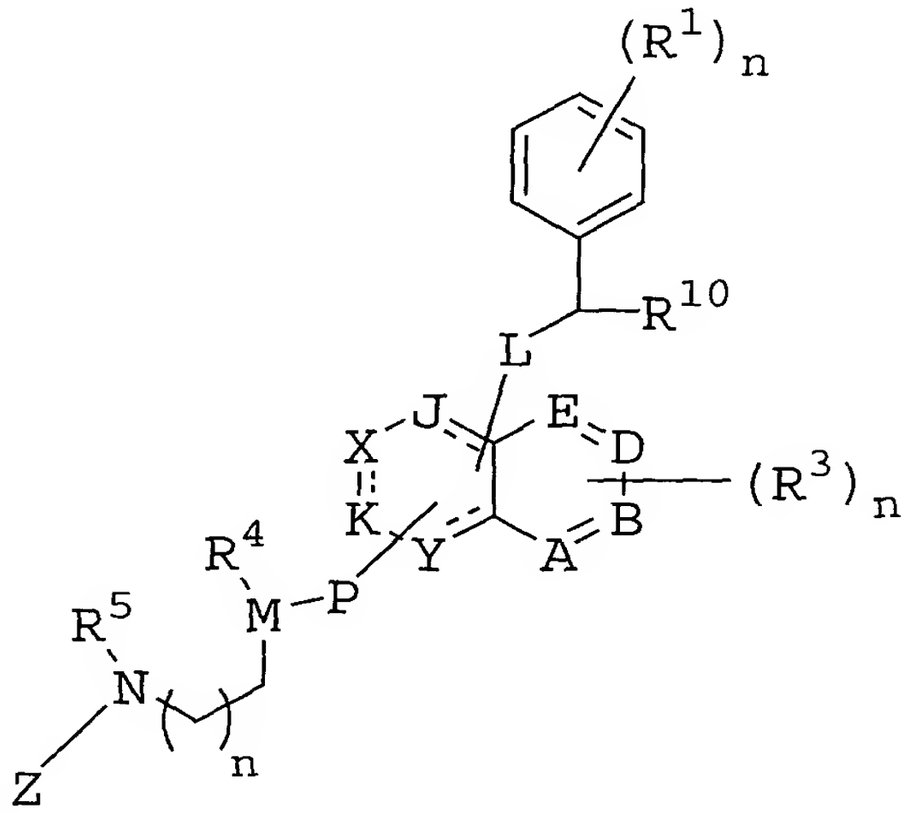
ANTAGONISTS OF CHEMOKINE RECEPTORS

Abstract of the Disclosure

Compounds are provided which are antagonists of chemokine receptor activity.

The compounds thereof have the structure



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including enantiomers, diastereomers, tautomers, pharmaceutically acceptable salts and solvates thereof wherein:

A, B, D, E, X and Y are selected from N or C, J and K are C, and at least one of A, B, D, E, X and Y is N;

L is selected from O, NH and S, wherein L may be connected to any one of A, B, D, E, J, X, K or Y;

M is CH or N;

P is a bond or C=O, wherein P is connected to any one of J, X, K or Y;

Z is $-(CFG)R^2$ where F is O, H_2, alkyl or substituted alkyl and G is O or N or none;

n is 0-4;

R^1 is selected from halogen, -CN, $-CF_3$, substituted alkyl, aryl and heteroaryl;

R^2 is a heterocyclyl containing at least one N;

R^3 is selected from halogen, cyano, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl and substituted heteroaryl, wherein R^3 is connected to any one of A, B, D and E;

R^4 and R^5 are H;

or R^4 and R^5 may be taken together with the atoms to which they are attached to form a ring; and

R^{10} is selected from H, alkyl, substituted alkyl, alkenyl, substituted alkenyl;

or E and R^{10} may be taken together with the atoms to which they are attached to form a heteroaryl or heterocycloalkyl ring.